

**DEPARTMENT OF GENERAL SURGERY  
ADVANCED COLORECTAL SURGERY FELLOWSHIP PROGRAMME**

| Components                      | Information  |
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| <b>1. Division / Department</b> | Department of General Surgery<br>Division of Colorectal Surgery  |
| <b>2. Title of Programme</b>    | Advanced Colorectal Surgery Programme  |
| <b>3. Overview</b>              |  |
| <b>3.1 Information</b>          | <p>Ng Teng Fong General Hospital (NTFGH) is a 700-bed tertiary care centre under the National University Health System (NUHS).</p> <p>The Department of General Surgery provides comprehensive surgical services, including breast surgery, thyroid and endocrine surgery, bariatric and metabolic surgery for obesity, colorectal surgery, upper gastro-intestinal surgery, hepatobiliary surgery, surgical oncology and surgical endoscopy for diagnostic and therapeutic interventions, as well as vascular and endovascular surgery.</p> <p>The fellow will attend ward rounds, outpatient specialist colorectal clinics, endoscopy and take part in both elective and emergency operating sessions with all the faculty members. There will be night duty per rostered.</p> <p>Clinical exposure will comprise all aspects of colorectal surgery and general surgery which includes, but is not limited to,</p> <ul style="list-style-type: none"> <li>- Major Laparoscopic colorectal cancer surgery including extra-levator Abdominoperineal excision, TaTME, Transanal surgery</li> <li>- Formation of stoma, reversal of stoma</li> <li>- Simple and complex fistula in ano surgery</li> <li>- Haemorrhoidectomy including laser haemorrhoidopexy</li> <li>- Colonoscopy and advance endoscopy-Endoscopic submucosal dissection for advanced polyp</li> <li>- Emergency colorectal surgery for obstruction, perforation, and bleeding</li> <li>- Specialist outpatient colorectal clinics</li> <li>- Colorectal/general surgery on call</li> </ul> <p>NTFGH Colorectal Surgery Fellowship Programme is an accredited fellowship training centre with the Singapore Medical Council (SMC).</p> |

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| <p><b>3.2 Objectives</b></p>           | <p><b>Sub-specialist training in Colorectal Surgery</b></p> <p>To gain advanced level of understanding in the management of both benign colorectal and malignant disease.</p> <p>To work in a multidisciplinary team to manage complex colorectal malignant diseases.</p> <p>To enhance their operative skills in major colorectal surgery in particularly laparoscopic procedures.</p>  |
| <p><b>3.3 Duration</b></p>             | <p>12 Months Fellowship Programme</p>  |
| <p><b>3.4 Training Information</b></p> | <p>The fellowship will be with the Division of Colorectal Surgery under the supervision of a SMC Supervisor from the Department of General Surgery at Ng Teng Fong General Hospital (NTFGH), Singapore.</p> <p>The fellow will attend ward rounds, outpatient clinics and both elective and emergency operating sessions with all of the faculty.</p> <p>Clinical exposure will comprise all aspects of colorectal surgery and general surgery which includes, but is not limited to,</p> <ul style="list-style-type: none"> <li>- Major Laparoscopic colorectal cancer surgery including extra-levator Abdominoperineal excision, TaTME, Transanal surgery</li> <li>- Formation of stoma, reversal of stoma</li> <li>- Simple and complex fistula in ano surgery</li> <li>- Haemorrhoidectomy including laser haemorrhoidopexy</li> <li>- Colonoscopy and advance endoscopy-Endoscopic submucosal dissection for advanced polyp</li> <li>- Emergency colorectal surgery for obstruction, perforation, and bleeding</li> <li>- Specialist outpatient colorectal clinics</li> <li>- Colorectal/general surgery on call</li> </ul> <p>The fellow will attend regular Multidisciplinary Colorectal tumour board on a weekly basis and Colorectal Surgery clinics with the Consultants and will have the opportunity to see new cases and formulate a management plan for them. Involvement in the Colorectal cancer follow-up clinic and working alongside medical oncologist is also expected.</p> <p>Fellows will be educated in an evidence-based approach to operative and non-operative treatments.</p> <p>It is anticipated that the fellow will be involved in major colorectal resections, endoscopy (Gastroscopy and</p> |

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|                                     | <p>colonoscopy) procedures in the 12 months fellowship. He/she will have the opportunity to be the first surgeon and will be under working under close supervision of a senior surgeon.</p> <p>Fellows will be educated in an evidence-based approach to operative and non-operative treatments.<br/>The fellow will also take part in the colorectal/general surgery on call rota to enable exposure to emergency colorectal and acute care general surgery.</p> <p>The fellow will have opportunity to join the Tumour Board Meetings and learn how decisions are made for patients presented in the meetings.</p> <p><b><u>Research and teaching</u></b></p> <p>Involvement with ongoing research projects and audits in the breast surgery division.</p> <p>The fellow will be expected to be active in teaching both postgraduate trainees and medical students.</p> |
| <p><b>3.5 Assessment Method</b></p> | <p>Fellows will be assessed by a senior colorectal faculty using the same tools that are employed by the ACGME residency program; mini CEX, case discussions/presentations, directly observed procedural skills (DOPS) and 360-degree appraisals. Fellows will be required to keep a log of all of the surgical procedures in which they have been involved including any complications that may have occurred. Their research output and teaching logs will also be evaluated as part of the assessment.</p>   |
| <p><b>4. Target Audience</b></p>    | <p>The fellow should have some prior exposure to Colorectal and General Surgery. Ideally, they should be in the final year of training in their own country or at a post graduate level after completing the surgical training programme in their own country.</p> <p>This fellowship will provide opportunities to obtain advanced skills in both laparoscopic colorectal surgery and general surgery and equip them to be able to operate independently within limits after the 12 months fellowship.</p>   |